

Title (en)  
YUNNAN SL-001 STRAIN

Title (de)  
STAMM YUNNAN SL-001

Title (fr)  
SOUCHE YUNNAN SL-001

Publication  
**EP 1170360 A1 20020109 (EN)**

Application  
**EP 99974119 A 19991116**

Priority  
JP 9906380 W 19991116

Abstract (en)  
The present invention provides a microorganism capable of producing vitamin K or a derivative thereof with good efficiency. The present invention relates to Yunnan strain SL-001 FERM BP-6713, a new strain belonging to *Bacillus subtilis*. <IMAGE>

IPC 1-7  
**C12R 1/125**

IPC 8 full level  
**A23L 11/00** (2016.01); **C12N 1/20** (2006.01); **C12P 7/26** (2006.01); **C12R 1/125** (2006.01)

CPC (source: EP KR US)  
**C12N 1/20** (2013.01 - KR); **C12N 1/205** (2021.05 - EP US); **C12R 2001/125** (2021.05 - EP US)

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**WO 0136591 A1 20010525**; AU 1180800 A 20010530; DE 69933705 D1 20061130; DE 69933705 T2 20070823; EP 1170360 A1 20020109;  
EP 1170360 A4 20040331; EP 1170360 B1 20061018; KR 100418104 B1 20040211; KR 20010106497 A 20011129; US 6420145 B1 20020716

DOCDB simple family (application)  
**JP 9906380 W 19991116**; AU 1180800 A 19991116; DE 69933705 T 19991116; EP 99974119 A 19991116; KR 20017004140 A 20010330;  
US 83109201 A 20010503